

# 2xN Cassette Type PLC Splitters



Planar Lightwave Circuit (PLC) Splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in EPON networks to realize optical signal power splitting.

## Feature

- Wide working wavelength
- Low insertion loss
- Low PDL
- High reliability and stability
- Good spectral uniformity
- Good channel-to-channel uniformity

## Application

- Communication system
- EPON/GPON
- FTTH/FTTX
- LAN
- CATV
- Optical testing equipment

## Specification

Specifications		Parameters				
Operating Wavelength(nm)	1260-1650					
Fiber Type	G657A1					
Connector Type	FC,ST,SC,LC					
Type	2x2	2x4	2x8	2x16	2x32	2x64
Insertion Loss(dB)	≤4.4	≤7.7	≤10.8	≤14	≤17.3	≤20.5
Uniformity(dB)	≤0.6	≤1.5	≤1.5	≤1.8	≤2.3	≤2.5
PDL(dB)	≤0.3	≤0.3	≤0.3	≤0.3	≤0.3	≤0.5
Size(L*W*H)mm	100*80*10	100*80*10	100*80*10	120*80*18	120*80*18	140*115*18
Return Loss(dB)	UPC≥50, APC≥55					
Directivity(dB)	≥55					
Operating Temperature(°C)	-40~+85					



USA  
Fernando Chang  
Tel: 1-714-990-4488  
E-mail: fchang@fipos.com



China  
Glenn Wu  
Mobile: 86-13509658246  
E-mail: sale@fipos.cn